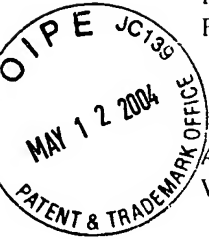


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of  
Gerard Damm et al  
Serial No. 10/648,791                      Group Art Unit 2171  
Filed: August 27, 2003  
For: Data Structure for Range-Specified Algorithms



## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application;  
or before mailing date of first Office action on the merits; whichever occurs last.)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Certification under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance,  
whichever occurs first.)
- ☐ under 37 CFR 1.97(d) together with either a:  
☐ Certification under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2)(ii), and  
☐ a \$130.00 petition fee set forth in 37 CFR §117(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before  
payment of the issue fee.)

Applicant(s) submits herewith Form PTO 1449-Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) is aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which applicant(s) is aware.

Applicant(s) submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

*Jim Zegeer*

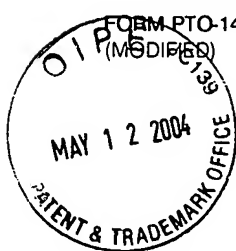
Jim Zegeer, Reg. No. 18,957  
Attorney for Applicant(s)

Attachments:

Form PTO-1449 and cited references

Suite 108  
801 North Pitt Street  
Alexandria, VA 22314  
Telephone: 703-684-8333  
Date: May 12, 2004

In the event this paper is deemed not timely filed, the applicant hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit Account No. 26-0090 along with any other additional fees which may be required with respect to this paper.



FORM PTO-1449

(MODIFIED)

U.S. Department of Commerce  
Patent and Trademark Office**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**3448-Z**

SERIAL NO.

**10/648,791**

APPLICANT

**Gerard Damm et al**

FILING DATE

**August 27, 2003**

GROUP

**2171****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>6,539,394</b>	<b>03/2003</b>	<b>Calvignac et al</b>	<b>707</b>	<b>102</b>	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Cormen et al, "Introduction to algorithms, second edition," The MIT Press, pp. 311-315, 2001.
	M. Chaabouni et al, "The Point-Range Tree: A data structure for indexing intervals," Proc. of ACM Conference on Computer Science, pp. 453-460, March 1993.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.